

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 2/6/2002
Edited by: 10 (STIC staff)
Verified by: _____

Serial Number: 09/909,204

ENTERED

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 173

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

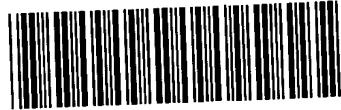
A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909,204

DATE: 02/06/2002
TIME: 08:27:37

Input Set : N:\jumbos\909204.txt
Output Set: N:\CRF3\02062002\I909204.raw

PS

3 <110> APPLICANT: Genentech, Inc.
 4 Ashkenazi, Avi
 5 Botstein, David
 6 Desnoyers, Luc
 7 Eaton, Dan L.
 8 Ferrara, Napoleone
 9 Filvaroff, Ellen
 10 Fong, Sherman
 11 Gao, Wei-Qiang
 12 Gerber, Hanspeter
 13 Gerritsen, Mary E.
 14 Goddard, A.
 15 Godowski, Paul J.
 16 Grimaldi, Christopher J.
 17 Gurney, Austin L.
 18 Hillan, Kenneth, J.
 19 Kljavin, Ivar J.
 20 Mather, Jennie P.
 21 Pan, James
 22 Paoni, Nicholas F.
 23 Roy, Margaret Ann
 24 Stewart, Timothy A.
 25 Tumas, Daniel
 26 Williams, P. Mickey
 27 Wood, William, I.
 28 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 29 Acids Encoding the Same
 30
 31 <130> FILE REFERENCE: 10466-14
 C--> 34 <140> CURRENT APPLICATION NUMBER: US/09/909,204
 C--> 35 <141> CURRENT FILING DATE: 2001-07-18
 36 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
 37 <151> PRIOR FILING DATE: 2000-02-22
 38 <151> PRIOR APPLICATION NUMBER: US 60/143,048
 39 <150> PRIOR FILING DATE: 1999-07-07
 40 <151> PRIOR APPLICATION NUMBER: US 60/145,698
 41 <151> PRIOR FILING DATE: 1999-07-26
 42 <151> PRIOR APPLICATION NUMBER: US 60/146,222
 43 <150> PRIOR FILING DATE: 1999-07-28
 44 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
 45 <151> PRIOR FILING DATE: 1999-09-08
 46 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
 47 <151> PRIOR FILING DATE: 1999-09-13
 48 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909, 204

DATE: 02/06/2002
TIME: 08:27:37

Input Set : N:\jumbos\909204.txt
Output Set: N:\CRF3\02062002\I909204.raw

56 <151> PRIOR FILING DATE: 1999-09-15
 58 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547
 59 <151> PRIOR FILING DATE: 1999-09-15
 61 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
 62 <151> PRIOR FILING DATE: 1999-10-05
 64 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214
 65 <151> PRIOR FILING DATE: 1999-11-29
 67 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
 68 <151> PRIOR FILING DATE: 1999-11-30
 70 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
 71 <151> PRIOR FILING DATE: 1999-12-02
 73 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
 74 <151> PRIOR FILING DATE: 1999-12-02
 76 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
 77 <151> PRIOR FILING DATE: 1999-12-16
 79 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911
 80 <151> PRIOR FILING DATE: 1999-12-20
 82 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
 83 <151> PRIOR FILING DATE: 1999-12-20
 84 <150> PRIOR APPLICATION NUMBER: PCT/US00/00219
 85 <151> PRIOR FILING DATE: 2000-01-05
 87 <160> NUMBER OF SEQ ID NOS: 423
 90 <210> SEQ ID NO: 1
 91 <211> LENGTH: 1825
 92 <212> TYPE: DNA
 93 <213> ORGANISM: Homo sapiens
 95 <400> SEQUENCE: 1
 96 actgcaccc ggttctatcg attgaattcc cggggatcc tctagagatc cctcgaccc 60
 97 gacccacgcg tccggccgg agcagcacgg ccgcaggacc tggagctccg gctgcgtt 120
 98 cccgcagcgc taccgcatt gcgcctgcgg cgccggccg cgctgggct cctggcgctt 180
 99 ctgctgctgc tgccgcccgc gccggaggcc gccaagaagc cgacgcctg ccaccggc 240
 100 cggggctgg tggacaagtt taaccagggg atggtgaca cgc当地 300
 101 ggcggaaaca cggctggga ggaaaagacg ctgtccaaat acgatccag cgagattcgc 360
 102 ctgctggaga tcctggaggg gctgtgcgg agcagcact tcgaatgcaa tcagatgcta 420
 103 gagggcgcagg aggagcacct ggaggcctgg tggctgcggc tgaagagcga atatcctgac 480
 104 ttattcgagt ggtttgtgt gaagacactg aaagtgtgtcgt ctgtccagg aacctacgg 540
 105 cccgactgtc tcgcattgcca gggcgatcc cagaggccct gcagcggaa tggccactgc 600
 106 agcggagatg ggagcagaca gggcgacggg tcctggcggt gccacatggg gtaccaggc 660
 107 ccgcgtgcgatctgactgcatttgcggctac ttgcgtcgatccggaaacgc 720
 108 atctgcacag cctgtgacga gtcctgcaag acgtgtcgccg gcctgacccaa cagagactgc 780
 109 ggcgagtgta aagtggctg ggtgtggac gagggcgcct gtgtggatgt ggacgagtgt 840
 110 gcggccgagc cgcctccctg cagcgctgcg cagttctgtta agaacgcctaa cgcctccatc 900
 111 acgtgcgaag agtgtgactc cagctgtgtg ggctgcacag gggaaaggccc agaaaactgt 960
 112 aaagagtgtt aatctggctt cgcgaggag cacggacgt gtgcagatgt ggacgagtgc 1020
 113 tcactacgac aaaaaacactg tttggggaaa aacgaaaact gctacaatac tccaggggc 1080
 114 tacgtctgtg ttgtccctga cggcttcgaa gaaacggaaat atgcctgtgt gccgcggca 1140
 115 gaggctgaag ccacagaagg agaaagcccg acacagctgc cctccgcga agacctgtaa 1200
 116 tttgtccggac ttacccttta aattatttcg aaggatgtcc cgtggaaaat gtggccctga 1260
 117 ggtatggcgtc tcctgcagtg gacagcggcg gggagaggct gcctgcttc taacgggttga 1320

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909,204

DATE: 02/06/2002
TIME: 08:27:37

Input Set : N:\jumbos\909204.txt
Output Set: N:\CRF3\02062002\I909204.raw

118 ttctcatttg tccctaaac agtcgcattt cttgggtt cttaaacaga cttgtatatt 1380
 119 ttgatacagt tctttgtaat aaaattgacc attgttagta atcaggagga aaaaaaaaaa 1440
 120 aaaaaaaaaa aaaggcggc cgcgactcta gagtcgaccc gcagaagctt ggccggccatg 1500
 121 gcccactt tttatgcag cttataatgg ttacaaataa agcaatagca tcacaaattt 1560
 122 cacaataaa gcattttt cactgcattc tagttgtgtt ttgtccaaac tcatcaatgt 1620
 123 atcttatcat gtctggatcg gaaattaatt cggcgcagca ccatggcctg aaataacctc 1680
 124 tgaaagagga acttggtagt gtaccttctg aggcggaaag aaccagctgt ggaatgtgt 1740
 125 tcagttaggg tgtggaaagt ccccaggctc cccagcaggc agaagtatgc aagcatgcat 1800
 126 ctcatttgc cagcaaccca gtttt 1825
 128 <210> SEQ ID NO: 2
 129 <211> LENGTH: 353
 130 <212> TYPE: PRT
 131 <213> ORGANISM: Homo sapiens
 133 <400> SEQUENCE: 2
 134 Met Arg Leu Pro Arg Arg Ala Ala Leu Gly Leu Leu Pro Leu Leu Leu 15
 135 1 5 10 15
 136 Leu Leu Pro Pro Ala Pro Glu Ala Ala Lys Lys Pro Thr Pro Cys His
 137 20 25 30
 138 Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr 45
 139 35 40 45
 140 Ala Lys Lys Asn Phe Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr 55 60
 141 50 55 60
 142 Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu 70 75 80
 143 65 70 75
 144 Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala 85 90 95
 145 100 105 110
 146 Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys 125
 147 115 120 125
 148 Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser 135 140
 149 130 135 140
 150 Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg 155 160
 151 145 150 155
 152 Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu 170 175
 153 164 165 170 175
 154 Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr 180 185 190
 155 His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly 200 205
 156 170 175
 157 Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp 210 215 220
 158 220 225 230 235 240
 159 Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro 245 250 255
 160 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys 260 265 270
 161 270 275
 162 Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys 280 285
 163 285 290
 164 290 295
 165 295 300
 166 300 305
 167 305 310
 168 310 315
 169 315 320
 170 320 325
 171 325 330
 172 330 335
 173 335 340
 174 340 345
 175 345 350
 176 350 355
 177 355 360
 178 360 365
 179 365 370
 180 370 375
 181 375 380
 182 380 385
 183 385 390
 184 390 395
 185 395 400

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909,204

DATE: 02/06/2002
TIME: 08:27:37

Input Set : N:\jumbos\909204.txt
Output Set: N:\CRF3\02062002\I909204.raw

186 275 280 285
188 Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr Cys Val Arg Lys
189 290 295 300
191 Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr Val Cys Val Cys Pro
192 305 310 315 320
194 Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
195 325 330 335
197 Glu Ala Thr Glu Gly Glu Ser Pro Thr Gln Leu Pro Ser Arg Glu Asp
198 340 345 350

200 Leu

203 <210> SEQ ID NO: 3

204 <211> LENGTH: 2206

205 <212> TYPE: DNA

206 <213> ORGANISM: Homo sapiens

208 <400> SEQUENCE: 3

209 caggtccaaac tgcacacctcgat ttctatcgat tgaattcccc ggggatccctc tagagatccc 60
210 tcgacacctga cccacgcgtc cgccaggccg ggaggcgacg cgcccgccg tctaaacggg 120
211 aacagccctg gctgaggggag ctgcagcgca gcagagtatc tgacggcgcc aggttgcgta 180
212 ggtgcggcac gaggagttt cccggcagcg aggaggtcct gaggcgtatg gccggagga 240
213 ggcgcctcccc tgcgcgcgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
214 gggcggaggc cgggcccgcg caggaggaga gcctgtacat atggatcgat gtcaccagg 360
215 caagagtact cataggattt gaagaagata tcctgtattt ttcagagggg aaaatggcac 420
216 cttttacaca tgatttcaga aaagcgtac agagaatgcc agctattcct gtcaatatcc 480
217 attccatgaa ttttacctgg caagctgcg ggcaggcaga atacttctat gaattctgt 540
218 ctttgcgtc cttggataaa ggcatcatgg cagatccaa cgtcaatgtc cctctgtgg 600
219 gaacagtgc tcacaaggca tcagttgttc aagttgttt cccatgtctt gaaaaacacagg 660
220 atgggggtggc agcatttcaa gtggatgtca ttgttatcaa ttctgaaggc aacaccattc 720
221 tccaaacacc tcaaaatgtc atcttcttta aaacatgtca acaagctgag tgcccaggcg 780
222 ggtgcggaaa tggaggcttt tgtaatgaaa gacgcattcg cgagtgcct gatgggttcc 840
223 acggacatca ctgtgagaaa gccccttgc cccacacatg tatgaatgtt ggactttgtg 900
224 tgactcctgg tttctgcatt tgcccacactt gattctatgg agtgaactgt gacaaagcaa 960
225 actgctcaac caccctgttt aatggaggaa cctgtttcta ccctggaaaa tgtatttgcc 1020
226 ctccaggact agagggagag cagtgtaaaa tcagcaatgtc cccacaaccc tgcgaaatg 1080
227 gaggtaaatg cattgttaaa agcaaatgtc agtgttccaa aggttaccag ggagacctct 1140
228 gttcaaaagcc tgcgtcgag cttggctgtg gtgcacatgg aacctgcatt gaaaccaaca 1200
229 aatgcaatg tcaagaaggc tggcatggaa gacactgcac taaaaggatc gaagccagcc 1260
230 tcatacatgc cttggaggca gcaggcgccc agtcaggca gcacacgcct tcactaaaa 1320
231 agggccgagga gcccggggat ccacctgaaat ccaattacat ctggtaact ccgacatctg 1380
232 aaacgtttta agttacacca agttcatagc cttgtttaac ctttcatgtg ttgaatgttc 1440
233 aaataatgtt cattacactt aagaatactg gcctgaattt tattagcttcc attataatc 1500
234 actgagctga tatttactct tccttttaag ttttctaattt acgtctgttag catgatggta 1560
235 tagattttct ttttgcgtt ctttggaca gattttatatt tatgtcaattt gatcaggta 1620
236 aaattttcag ttttgcgtt gcatggatattt taaaatttac aatgcattt ttttgcgtt 1680
237 gggcaggggaa acatcagaaa gtttaattt gggaaaaatg cgtaaatgcac aagaatttgg 1740
238 atgggtgcagt taatgttcaa gttacagcat ttcagatattt attgtcagat atttagatgt 1800
239 ttgttacatt tttttttttt gctttaattt tttttttttt caatacaata ttttttgacc 1860
240 ttaccattt tccagagatt cagtattttt aaaaaaaaaa ttacactgtg gtatggcat 1920
241 ttaaaacaata taatatattt taaacacaat gaaataggga atataatgtt tgaactttttt 1980
242 gcattggattt gaaatggatattt aatataatgtt aaaaaaaaaa cagcttttac ctaataaaaca 2040

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909,204

DATE: 02/06/2002
TIME: 08:27:37

Input Set : N:\jumbos\909204.txt
Output Set: N:\CRF3\02062002\I909204.raw

243 ttttatactg tttgtatgta taaaataaaag gtgctgctt agtttttg aaaaaaaaaa 2100
244 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcgccgc gactctagag tcgacctgca 2160
245 gaagcttggc cgccatggcc caacttgtt attgcagctt ataatg 2206
247 <210> SEQ ID NO: 4
248 <211> LENGTH: 379
249 <212> TYPE: PRT
250 <213> ORGANISM: Homo sapiens
252 <400> SEQUENCE: 4
253 Met Ala Arg Arg Ser Ala Phe Pro Ala Ala Ala Leu Trp Leu Trp Ser
254 1 5 10 15
255 Ile Leu Leu Cys Leu Leu Ala Leu Arg Ala Glu Ala Gly Pro Pro Gln
256 20 25 30
257 35 40 45
258 50 55 60
259 Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
260 35 40 45
261 50 55 60
262 Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
263 55 60 65
264 65 70 75 80
265 Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
266 65 70 75 80
267 85 90 95
268 Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
269 100 105 110
270 115 120 125
271 Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
272 130 135 140
273 145 150 155 160
274 Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
275 165 170 175
276 His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
277 180 185 190 195
278 195 200 205
279 210 215 220
280 Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
281 225 230 235 240
282 Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
283 Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
284 245 250 255
285 Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
286 260 265 270
287 Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
288 275 280 285
289 290 295 300
290 Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
291 305 310 315 320
292 313 His Glu Pro Asn Lys Cys Gln Cys Glu Gly Trp His Gly Arg His

Use of n and/or Xaa has been detected in the Sequence Listing.
→ Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/909,204

DATE: 02/06/2002
TIME: 08:27:38

Input Set : N:\jumbos\909204.txt
Output Set: N:\CRF3\02062002\I909204.raw

L:34 M:270 C: Current Application Number differs, Replaced Current Application Number
L:35 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:3586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:5344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:5479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:6540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206